

Converting Colors

RGB(242, 182, 220)

Have a look what the booklet for
RGB(242, 182, 220) contains.

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Color

RGB(242, 182, 220)

Conversions

Conversions Part 1

Format	Color
Hex	F2B6DC
RGB	242, 182, 220
RGB Percent	95%, 71%, 86%
CMY	0.0510, 0.2863, 0.1373
CMYK	0.00, 0.25, 0.09, 0.05
HSL	322°, 70%, 83%
HSV	322°, 25%, 95%
XYZ	66.2642, 57.5004, 75.3163
YIQ	204.2720, 23.5620, 24.5380

Conversions

Conversions Part 2

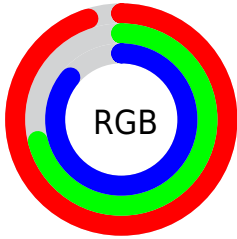
Format	Color
R _Y B	242, 182, 220
Decimal	15906524
CIE Lab	80.46, 27.58, -10.57
CIE LCh	80, 29.532, 339.034
Yxy	57.5004, 0.3329, 0.2888
Android (android.graphics.Color)	4294096604 (0xFFFF2B6DC)
YUV	204.2720, 7.7539, 33.0875
Hunter-Lab	75.8291, 23.2836, -5.8088

Details

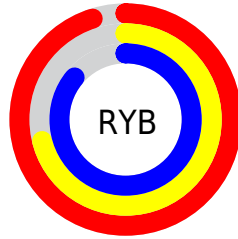
The RGB color **242, 182, 220** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **182, 242, 204**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 238, 255**, and **185, 129, 165** is the 20% darker color. If you saturate the color by 10%, you get **242, 158, 211**, and if you desaturate by 10%, it is **242, 206, 229**.

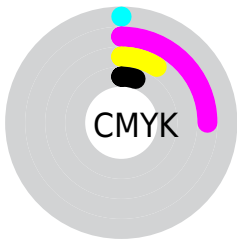
Distribution



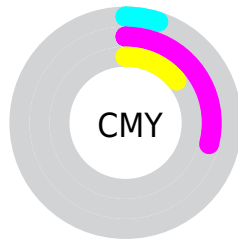
- Red (95%)
- Green (71%)
- Blue (86%)



- Red (95%)
- Yellow (71%)
- Blue (86%)



- Cyan (0%)
- Magenta (25%)
- Yellow (9%)
- Black (5%)



- Cyan (5%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 182, 220 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 242, 182, 220 by changing the saturation by 10% instead.

 242, 182, 220

 242, 182, 220


255, 255, 255

 213, 155, 192


 255, 238, 255

 185, 129, 165

 158, 103, 139

 131, 78, 113

 105, 55, 89

 80, 31, 65


 56, 8, 43

 37, 0, 23


 0, 0, 0

 242, 182, 220


 242, 182, 220

 242, 158, 211

 242, 206, 229

 242, 134, 202


 242, 230, 238


 242, 109, 193


 242, 255, 247

 242, 85, 185

 242, 255, 255

 242, 61, 176

 242, 37, 167

 242, 13, 158

 242, 0, 153

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214, 190, 243



242, 182, 220



255, 179, 192

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242, 182, 220



211, 201, 145



118, 213, 233

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



242, 182, 220



182, 242, 204

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



124, 215, 207



242, 182, 220



181, 208, 156

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 182, 220



237, 191, 149



149, 214, 179



140, 208, 250

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242, 182, 220



255, 181, 174



149, 214, 179



117, 214, 225

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



242, 182, 220



255, 237, 248



204, 182, 242



128, 117, 124



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 182, 220



255, 179, 227



242, 182, 190



120, 108, 115



184, 0, 116



56, 0, 36

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



242, 182, 220



255, 179, 227



182, 242, 234



120, 108, 115



184, 0, 116



56, 0, 36

Previews

White Background



This preview shows how the RGB color 242, 182, 220 looks on a white background.

Color Contrast Check

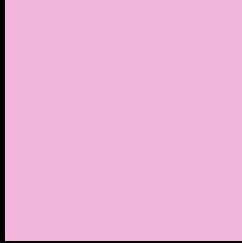
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 242, 182, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 242, 182, 220 Background



This preview shows how black text looks on a background with the RGB color 242, 182, 220.



This preview shows how white text looks on a background with the RGB color 242, 182, 220.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
242, 182, 220

Protanopia
194, 198, 230

Deuteranopia
211, 194, 218



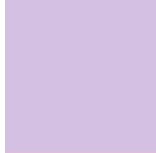
Tritanopia
239, 186, 200

Trichromacy



Original Color

242, 182, 220



Protanomaly

211, 192, 226



Deuteranomaly

222, 190, 219



Tritanomaly

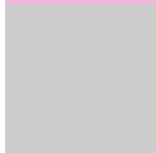
240, 185, 207

Monochromacy



Original Color

242, 182, 220



Achromatopsia

204, 204, 204



Achromatomaly

218, 196, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 182, 220 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 182, 220)` looks like.

```
.text, #text, p{  
    color:rgb(242, 182, 220)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 182, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 182, 220) }
```

Border

The CSS property to change the border of an element to RGB 242, 182, 220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 182, 220) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(242, 182, 220) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(242, 182, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 182, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 182, 220);  
box-shadow:4px 4px 4px 4px rgb(242, 182,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 242, 182, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 182, 220) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
182, 220) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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